

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended): A wireless system for facilitating seamless network connectivity, the system comprising:

(a) an integrated terminal including:

(i) a first access point (AP); and

(ii) a wireless transmit/receive unit (WTRU) coupled to the first AP via a first interface;

(b) a universal terrestrial radio access network (UTRAN) coupled to the integrated terminal via a second interface; ~~and~~

(c) at least one wireless local area network (WLAN) access device coupled to the integrated terminal via a third interface, wherein the UTRAN provides the integrated terminal with access to an external network via the third interface; and

(d) a second AP coupled to the WLAN access device via a fourth interface, wherein the WLAN access device provides the integrated terminal with access to the external network via the third and fourth interfaces.

Claims 2 and 3 (canceled)

4. (currently amended): The system of ~~claim 3~~ claim 1 wherein each of the second, third and fourth interfaces are wireless interfaces.

5. (currently amended): The system of ~~claim 2~~ claim 1 wherein the

external network is the Internet.

6. (currently amended): The system of claim 1 wherein the WTRU and the UTRAN manually or automatically establish a Third Generation (3G) connection to the external network.

7. (original): The system of claim 6 wherein the WLAN access device realizes the integrated terminal by standard IEEE 802.11 active or passive scanning methods.

8. (original): The system of claim 6 wherein the 3G connection is released upon timeout of a preconfigured inactivity timer.

9. (original): The system of claim 6 wherein the 3G connection is permanently established to consistently provide services or facilitate a fast handover between service providers that use different radio access technology.

10. (original): The system of claim 1 wherein each of the second and third interfaces is associated with a different radio access technology and are logically independent of each other.

11. (original): The system of claim 1 wherein the integrated terminal operates in accordance with IEEE 802.11 specifications.

12. (original): The system of claim 1 wherein the WLAN access device operates in accordance with IEEE 802.11 specifications.

13. (currently amended): The system of claim 1 wherein the second AP ~~access point~~ operates in accordance with IEEE 802.11 specifications.

14. (original): The system of claim 1 wherein the UTRAN operates in accordance with Third Generation (3G) specifications.

15. (original): The system of claim 1 wherein the WTRU operates in accordance with Third Generation (3G) specifications.

16. (original): The system of claim 1 wherein the WLAN access device is a laptop computer.

17. (original): The system of claim 1 wherein the WLAN access device is a personal digital assistant (PDA).

18. (original): The system of claim 1 wherein the integrated terminal further comprises an Internet Protocol (IP) application processor coupled to the first AP for enabling several independent access devices and/or IP applications within the integrated terminal to be supported simultaneously.

19. (original): A wireless system for facilitating seamless Internet connectivity, the system comprising:

(a) an integrated terminal including:

(i) an access point (AP) that uses a first type of radio access technology;

and

(ii) a wireless transmit/receive unit (WTRU) that uses a second type of radio access technology;

(b) a first wireless routing device coupled to the integrated terminal via a first wireless interface, the first wireless routing device using the first type of radio access technology to provide the integrated terminal with access to the Internet via the first wireless interface; and

(c) at least one second wireless routing device coupled to the integrated terminal via a second wireless interface, the second wireless routing device using the second type of radio access technology to provide the integrated terminal with access to the Internet via the second wireless interface, wherein the first and second wireless interfaces are logically independent of each other.

20. (original): The system of claim 19 wherein the first type of radio access technology operates in accordance with Third Generation (3G) specifications.

21. (original): The system of claim 19 wherein the second type of radio access technology operates in accordance with IEEE 802.11 specifications.

22. (original): The system of claim 19 wherein the first wireless routing device is a universal terrestrial radio access network (UTRAN).

23. (currently amended): The system of claim 22 wherein the WTRU and the UTRAN manually or automatically establish a Third Generation (3G) connection to the Internet.

24. (original): The system of claim 23 wherein the 3G connection is

released upon timeout of a preconfigured inactivity timer.

25. (original): The system of claim 23 wherein the 3G connection is permanently established to consistently provide services or facilitate a fast handover between service providers that use different radio access technology.

26. (original): The system of claim 19 wherein the second wireless routing device is a wireless local area network (WLAN) access device.

27. (original): The system of claim 26 wherein the WLAN access device realizes the integrated terminal by standard IEEE 802.11 active or passive scanning methods.

28. (original): The system of claim 26 wherein the WLAN access device is a laptop computer.

29. (original): The system of claim 26 wherein the WLAN access device is a personal digital assistant (PDA).

30. (original): The system of claim 19 wherein the integrated terminal further comprises an Internet Protocol (IP) application processor coupled to the AP for enabling several independent access devices and/or IP applications within the integrated terminal to be supported simultaneously.

31. (new): A wireless system for facilitating seamless network connectivity, the system comprising:

- (a) an integrated terminal including:
 - (i) a first access point (AP); and
 - (ii) a wireless transmit/receive unit (WTRU) coupled to the first AP via a first interface;
- (b) a universal terrestrial radio access network (UTRAN) coupled to the integrated terminal via a second interface;
- (c) at least one wireless local area network (WLAN) access device coupled to the integrated terminal via a third interface, wherein the UTRAN provides the integrated terminal with access to the Internet via the third interface.

32. (new): The system of claim 31 further comprising:

- (d) a second AP coupled to the WLAN access device via a fourth interface, wherein the WLAN access device provides the integrated terminal with access to the Internet via the third and fourth interfaces.

33. (new): The system of claim 32 wherein each of the second, third and fourth interfaces are wireless interfaces.

34. (new): The system of claim 31 wherein the WTRU and UTRAN manually or automatically establish a Third Generation (3G) connection to the Internet.

35. (new): The system of claim 34 wherein the WLAN access device realizes the integrated terminal by standard IEEE 802.11 active or passive scanning methods.

36. (new): The system of claim 34 wherein the 3G connection is released upon timeout of a preconfigured inactivity timer.

37. (new): The system of claim 34 wherein the 3G connection is permanently established to consistently provide services or facilitate a fast handover between service providers that use different radio access technology.

38. (new): The system of claim 31 wherein each of the second and third interfaces is associated with a different radio access technology and are logically independent of each other.

39. (new): The system of claim 31 wherein the integrated terminal operates in accordance with IEEE 802.11 specifications.

40. (new): The system of claim 31 wherein the WLAN access device operates in accordance with IEEE 802.11 specifications.

41. (new): The system of claim 31 wherein the second AP operates in accordance with IEEE 802.11 specifications.

42. (new): The system of claim 31 wherein the UTRAN operates in accordance with Third Generation (3G) specifications.

43. (new): The system of claim 31 wherein the WTRU operates in accordance with Third Generation (3G) specifications.

44. (new): The system of claim 31 wherein the WLAN access device is a laptop computer.

45. (new): The system of claim 31 wherein the WLAN access device is a personal digital assistant (PDA).

46. (new): The system of claim 31 wherein the integrated terminal further comprises an Internet Protocol (IP) application processor coupled to the first AP for enabling several independent access devices and/or IP applications within the integrated terminal to be supported simultaneously.

47. (new): A wireless system for facilitating seamless network connectivity, the system comprising:

(a) an integrated terminal including:

(i) an access point (AP); and

(ii) a wireless transmit/receive unit (WTRU) coupled to the AP via a first interface;

(b) a universal terrestrial radio access network (UTRAN) coupled to the integrated terminal via a second interface; and

(c) at least one wireless local area network (WLAN) access device coupled to the integrated terminal via a third interface, wherein the UTRAN provides the integrated terminal with access to an external network via the third interface, the WTRU and the UTRAN establish a Third Generation (3G) connection to the external network, and the 3G connection is released upon timeout of a preconfigured inactivity timer.

48. (new): The system of claim 47 wherein the external network is the Internet.

49. (new): A wireless system for facilitating seamless network connectivity, the system comprising:

(a) an integrated terminal including:

(i) an access point (AP); and

(ii) a wireless transmit/receive unit (WTRU) coupled to the AP via a first interface;

(b) a universal terrestrial radio access network (UTRAN) coupled to the integrated terminal via a second interface; and

(c) at least one wireless local area network (WLAN) access device coupled to the integrated terminal via a third interface, wherein the UTRAN provides the integrated terminal with access to an external network via the third interface, the WTRU and the UTRAN establish a Third Generation (3G) connection to the external network, and the 3G connection is permanently established to consistently provide services or facilitate a fast handover between service providers that use different radio access technology.

50. (new): The system of claim 49 wherein the external network is the Internet.

51. (new): A wireless system for facilitating seamless network connectivity, the system comprising:

(a) an integrated terminal including:

(i) an access point (AP); and

(ii) a wireless transmit/receive unit (WTRU) coupled to the AP via a first interface;

(b) a universal terrestrial radio access network (UTRAN) coupled to the integrated terminal via a second interface; and

(c) at least one wireless local area network (WLAN) access device coupled to the integrated terminal via a third interface, wherein each of the second and third interfaces is associated with a different radio access technology and are logically independent of each other.

52. (new): A wireless system for facilitating seamless network connectivity, the system comprising:

(a) an integrated terminal including:

(i) an access point (AP); and

(ii) a wireless transmit/receive unit (WTRU) coupled to the AP via a first interface, wherein the WTRU operates in accordance with Third Generation (3G) specifications;

(b) a universal terrestrial radio access network (UTRAN) coupled to the integrated terminal via a second interface; and

(c) at least one wireless local area network (WLAN) access device coupled to the integrated terminal via a third interface.

53. (new): A wireless system for facilitating seamless network connectivity, the system comprising:

(a) an integrated terminal including:

(i) an access point (AP);

(ii) a wireless transmit/receive unit (WTRU) coupled to the AP via a

first interface; and

(iii) an Internet Protocol (IP) application processor coupled to the AP for enabling several independent access devices and/or IP applications within the integrated terminal to be supported simultaneously;

(b) a universal terrestrial radio access network (UTRAN) coupled to the integrated terminal via a second interface; and

(c) at least one wireless local area network (WLAN) access device coupled to the integrated terminal via a third interface.